



Mahoningside Power Plant

Site Update; 10-11-00:

On October 10, 2000, the U.S. Environmental Protection Agency (U.S. EPA) mobilized to the Mahoningside Power Plant site to begin time-critical removal activities. U.S. EPA and their contractors, Environmental Quality Management, Inc. (EQM), and Ecology and Environment, Inc. (E&E) will be conducting the following activities:

- Establish site security.
- Remove and properly dispose of contained PCB contaminated soil and sediments.
- Remove and properly dispose of PCB contaminated sediments and debris remaining in the structure of the former power plant.
- Assess the structure's sumps, piping, and conduit to determine if other contaminated areas are present.
- Assess the sub-surface underneath and around the structure to determine if PCB contamination has migrated off-site.
- Determine future removal / remedial actions based on findings from the assessment and sampling activities.
- Assess the Mahoning River for PCB contamination at site outfalls and downriver.

During the week of October 10, 2000:

- Mobilize personnel and equipment to the site.
- Establish site safety zones and procedures.
- Sample roll-off boxes containing PCB contaminated solid materials.
- Arrange for transportation and disposal of staged PCB waste.
- Modify and winterize the water treatment system.
- De-water large basement sumps.
- Sample large basement sumps for PCB analysis.
- Prep and remove sediments from the 42" discharge pipe.

Currently, there is no set time-line for these activities due to many unknowns. U.S. EPA anticipates that the structure and sub-surface assessment will take at least one month and possibly longer. U.S. EPA has obligated \$450,000 to this project to date.

Mahoningside Power Plant Site

Site Update; 11-03-00:

On October 10, 2000, the U.S. Environmental Protection Agency (U.S. EPA) mobilized to the Mahoningside Power Plant site to begin time-critical removal activities. U.S. EPA and their contractors, Environmental Quality Management, Inc. (EQM), and Ecology and Environment, Inc. (E&E) have completed the following activities:

- Obtain funding.
- Establish site security and safety protocols.
- Remove loose PCB contaminated sediments and debris from sumps, drains, conduit, and piping (90 % complete).
- Field screen all open sumps and drains for residual contamination.
- De-water the structure and treat the water prior to discharge to the POTW.
- Transport and dispose of approximately 250 tons of PCB contaminated solid material (landfill disposal at CWM-Chemical Services LLC in Model City, New York).
- Preliminary sampling of substructure soils / bedrock for PCBs.

Future Activities:

- Assess the extent of contamination in the sub-surface below and around the structure (drilling to commence in early December, 2000).
- Assess the extent of contamination in the Mahoning River adjacent to and within one mile of the site (sampling to commence in December, 2000).
- Continue operation and maintenance of the de-watering and water treatment systems.
- Recommend future removal and/or remedial actions based on results from the assessment activities.
- Post removal site control (grout lines, stabilize or fill sumps/drains)

The Numbers:

Current funding:	\$ 450,000
Off-site disposal to date:	250 tons (Approx.)
Range of contamination:	non-detect to 6,500 ppm
Water treatment rate:	60 to 120 gallons per minute (not continuous)